

Chas. Warren Mungy & Co.
Kansas City, Mo. U.S.A.



SPECIAL NOTICE.



WE make the same prices to all dealers, and by a systematic method, establish one dealer in each town and protect them in every instance. Hence, we issue a *Special Dealers' Net Price List* on all our goods, which will be sent on application, and ask you to compare prices on roofing with prices contained in this pamphlet.

We guarantee to protect all dealers who will push the sale of our Roofing. It is superior to any similar roof in use, after six years' test in all climates, and we respectfully solicit your patronage on its merits.

We would call your particular attention to our Rosinsized Sheathing, Straw Board Papers, Deadening Felts, Water-proof Papers and Paints, as well as Roofing and Paving Cement.

We are large manufacturers and dealers, and will guarantee you as low prices as can be obtained elsewhere, quality of goods considered.

Respectfully, etc.,

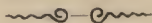
Chret-Warren Mfg. Co.

16 W. MISSOURI AVE.,

KANSAS CITY, MO.



1848--1888.



THE commencement of this firm practically dates from 1848, when the copartnership of SAM'L D. WARREN & Co., of St. Louis, began the manufacture and application of Composition Roofing Materials and Roofing.

In 1860, M. EHRET JR., & Co. began the same business; and in January, 1888, the two concerns were merged into one, under the name of EHRET-WARREN MANUFACTURING Co., as refiners and distillers of Tar, and manufacturers of Roofing Materials, Sheathing and Building Papers, Paving Materials, etc. There can be no question as to precedence in point of quality of materials and volume of business; possessing as they do the largest factories of the kind located in the West, with every facility for manufacturing as well as prompt transaction of business.

The sales on *Black Diamond Roofing* the past six years have been marvelously large, with a steady increase each successive year. Quality considered, it is the cheapest and best roof of the kind on the market, as hundreds of dealers will testify.

As large manufacturers and wholesale dealers, correspondence is solicited from those desiring first-class articles in Roofing, Building and Sheathing Materials, prompt attention being assured.

EHRET-WARREN MFG. CO.,

KANSAS CITY, MO., U. S. A.

E.-W. BLACK DIAMOND ROOFING.

FIRE AND WATER-PROOF.



This Roofing is made for and adapted to be used on

DWELLING HOUSES, CHURCHES, STORE HOUSES, WARE-HOUSES, FACTORIES OF EVERY DESCRIPTION, AGRICULTURAL WORKS, FOUNDRIES, MACHINE SHOPS, GIN HOUSES, GRANARIES, RAIL-ROAD DEPOTS, ENGINE AND ROUND HOUSES, STREET CAR STABLES, LIVERY STABLES, BOILER HOUSES, FLOURING MILLS, BREWERIES, MECHANICAL BUILDINGS, LABORATORIES, TILE FACTORIES, BRICK KILNS, CREAMERIES, DAIRY HOUSES, BARNs, POULTRY HOUSES, STABLES AND SHEDS, GAS WORKS, SMELTERS, DRYING ROOMS, ETC.

TWO-PLY ROOFING consists of two layers of well-saturated rag Felt, with a layer of water-proof Asphaltum Cement between the two of Felt, all compressed into ONE SOLID FABRIC.

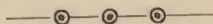
THREE-PLY ROOFING consists of three layers of well-saturated rag Felt with two layers of water-proof Asphaltum between the three of Felt, compressed into one fabric.

This Felt is 32 inches wide and put up in rolls, each containing 108 square feet (which allows for 2-inch lap), and is unrolled and nailed to the sheathing boards with a 1-inch barbed wire nail made specially to fit the socket of an oval tin cap or button which is $1\frac{1}{4}$ inches in diameter, and which is used to prevent the nail heads from sinking into the felt. We furnish all the materials at prices contained herein.

ASPHALT CEMENT.



A water-proof and practically fire-proof composition, *ready for immediate use*, is applied with a brush on the outside surface of Felt in two separate coats, the last one to be put on after the first one is dry. This Cement is shipped in barrels and kegs.



THE BLACK DIAMOND ROOFING.

(COMPLETE)

Consists of the *Felt, Nails, Tin Caps and Asphaltum Cement*—to cover and finish *one hundred square feet*, or a square of 10x10 feet, including *two inches lap on each width of Felt*. (See illustration, page 4.)

This roof is adapted for *both flat and steep roofs*, and the putting on is so simple that any person who never worked on a roof can lay and complete from six to eight squares per day, thus *saving from one to two dollars per square* on labor alone.

It is absolutely *water-proof* as well as practically *fire-proof*, and we challenge any one who has used it the past *six years or more* to prove to the contrary. The Felt will hold water like a jug, and the Asphaltum Cement coating, when once set, cannot be ignited by any sparks or brands. It is not affected injuriously in the least by steam, gases, smoke, acids, heat or dampness; neither will it scale or sun-crack.

Complete on a building, our **BLACK DIAMOND PREPARED ROOFING** is absolutely air-tight, and being a non-conductor is a protector, as it were, from intense heat in Summer and excessive cold in Winter.

In order that the water from this roof can be used for domestic purposes, the first two or three rains should be turned off.

THE BLACK DIAMOND ROOF.

Is used successfully and easily over old shingles, tin or iron roofs and makes a desirable water-proof covering, though the life of the roof is prolonged by laying it down over narrow sheathing of uniform thickness. All the materials to complete a 3-ply roof weigh about 90 pounds; 2-ply, 75 pounds for a square of 10x10 feet, or 100 square feet.



(Method of applying over Shingle Roofs.)



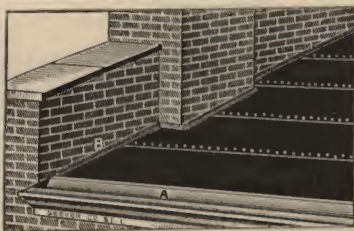
(Showing lap of Felt nailed.)

POINTERS.

(1.) Any roof having an incline of not less than one inch to the foot and from that to the perpendicular, is suited for the Black Diamond Roofing.

(2.) This roof should be painted every two years at least, which can be done at nominal expense.

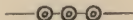
(3.) To solidify the Cement in the hot season, apply a coat of ordinary lime whitewash.



- a—Manner of fastening Felt at outer edge of roof with wooden cleat.
 b—Manner of fastening Felt against fire wall with wooden cleat.

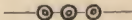
CONSUMERS

Recognize that it is the only roof in use they can apply themselves; that its *low insurance, low cost, light weight and simple method of application combined*, make it the most desirable roof in use.



MANUFACTURERS

Know that this is the only kind of roofing that is *not affected* by steam, gases, dampness, vapor or acids. Our sales to them alone for 1887 were over five million square feet, or two hundred car loads; to July 1, 1888, nearly 3,000,000 square feet—an increase of 20 per cent.



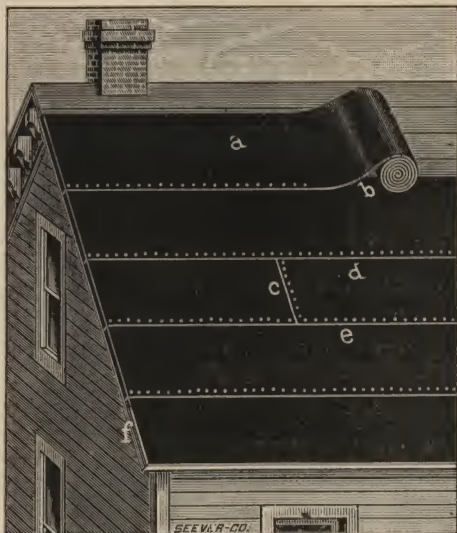
Fall Prices--1888.

	PER SQUARE.
2-PLY BLACK DIAMOND ROOFING, COMPLETE.	\$2.50
3-PLY " " " "	3.00
*** SPECIAL DISCOUNT TO DEALERS. ***	

The above prices include Felt, Cement, Washers and Wire Nails to complete a square of 10x10 feet.

Drayage charged on all shipments under car loads.

HOW TO LAY BLACK DIAMOND ROOFING.



- a*—The method of *unrolling* and laying Felt.
b—Showing *lap* of top width over lower one.
c—Showing *splice* of the Felt.
d—The relative *distance* between the Nails and Cap.
f—Fastening of Felt with *wooden cleat* at eaves and gables

with Cement, and then nail with our Barbed Wire nails *every two inches* in center of lap, using the tin caps for head of nails. Thus repeat until roof is covered, being careful to make flashings around chimneys, scuttles, etc., and along adjoining walls, by turning felt up about four inches, cementing and cleating well to said places.



After the felt is all laid, give the entire surface one coat of ASPHALTUM CEMENT. After this is apparently dry, give second coat, and the roof is finished. All laps and flashings must be well painted. On very *flat roofs* the felt should be lapped about three inches instead of two, and last coat of Cement well sanded. The felt should be laid contrary-ways with the sheathing boards.

SHEATHING of roof can be rough or surfaced, should be of dry and well-seasoned lumber, 10 inches, or under in width, and laid close together. See that it is clear of chips, nails, etc. — then commence laying felt, inside down, parallel with the eaves or gutter, securing the outer or lower edge with a wooden cleat or with the nails and tin caps (see cut.) Then bring down the second sheet, and lap over first sheet two inches, thoroughly coating between laps

E. and W. EXTRA TARRED FELT.



Put up in rolls containing 298 square feet; is 32 inches wide and weighs about 50 pounds to a roll. Used to make Gravel Roofs and for Sheathing houses, as well as for lining under Slate Roofs. *Special prices on application.*

E. and W. ACME PAINT.

Especially prepared for painting tin, iron or metal roofs, iron fences, columns, smoke stacks, etc. It preserves metal for years; is water-proof, fire-proof, and will not scale or sun-crack. Put up in barrels and sold by the gallon. *Special prices on application.*



E. and W. STAR SHEATHING.

Consists of rosinsized Sheathing, *one side* of which is saturated with a water-proof compound. It is moth-proof, vermin-proof, and unaffected by moisture. Is 32 inches wide, and put up in rolls of one square (10 x 10 feet) each, including two-inch lap. Sold by the square. *Special prices on application.*

E. and W. Plain and Corrugated Carpet Felt.

Is the finest and best carpet lining in use; is blue and gray in color, and put up in rolls of 35 to 65 pounds each. Is 36 inches wide, and weighs about one pound to square yard. Is elastic, easily cleaned and very durable. Is moth-proof and yard marked. *Special prices on application.*

E. and W.

PLAIN AND SATURATED STRAW BOARD.

Put up in rolls of from 40 to 85 pounds ; is 32 inches wide, and weighs from 1 to 1½ pounds to square yard. Used as sheathing in buildings, and for lining walls and ceilings of houses and offices. *Special prices on application.*

E. and W. ROSINSIZED SHEATHING.

Put up in rolls of from 65 to 90 pounds ; is 36 inches wide, and runs 12 square feet to the pound ; is water-proof and durable. As a square of 10 x 10 feet weighs but about 8 pounds, it is the *cheapest sheathing* in the market. Is very tough and odorless. It is used largely for sheathing, also for finishing walls and ceilings of houses, as it can be painted and papered. Sold by the pound. *Special prices on application.*

E.-W. DEADENING FELT.

Put up in rolls of 60 to 90 pounds ; weighs 1 to 1½ pounds to square yard. Is used for deadening sound in floors, walls, ceilings, etc. *Special prices on application.*

E. and W. ROOFING PITCH.



Put up in barrels and sold by the pound. It is used in making composition roofs. *Special prices on application.* Car Loads a specialty.

E.-W. ASPHALT CEMENT.

Is used largely for painting leaky tin, iron and shingle roofs ; is water-proof and practically fire-proof. Is sold by the gallon or any quantity. *Special prices on application.*

CRYST-ALBA.

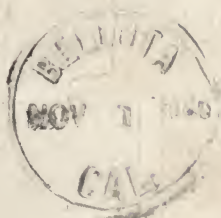
A sure destroyer of the moth and moth-worm. Will not injure the most delicate fabric. Cheap, convenient and effectual. Guaranteed non-poisonous, and to effectually do the work. Is also a fine disinfectant. Will drive away ants, roaches, etc. Send for discounts and prices.



We Make All These Goods.



Send for Special Prices to Dealers.



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